

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Douglas BRYMAN
Application No.: NEW
Filed: November 14, 2003
For: HIGH RESOLUTION 3-D POSITION SENSITIVE DETECTOR FOR
GAMMA RAYS

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)

MAIL STOP PATENT APPLICATION

November 14, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☐ Because the present application was/is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

- ☒ This application is a continuation of U.S. Patent Application No. 10/192,614. All of the documents listed on the copies of the PTO-1449s and PTO-892 are not enclosed because they were cited in U.S. Patent Application No. 10/192,614. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☐ **OTHER**

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.


If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any

additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C

By: 
Donald J. Daley, Reg. No. 34,313

DJD/bof

P.O. Box 8910
Reston, Virginia 20195
(703) 668-8000

Enclosures: ☒ Form PTO-1449(s)
☐ Documents
☐ Fee

DRA/MEO/km τ

Form PTO-1449	ATTY DOCKET NO. 98731-000125/US/COA	APPLICATION NO. NEW
<p align="center">INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p align="center">(Use several sheets if necessary)</p>	APPLICANT BRYMAN, Douglas	
	FILING DATE November 14, 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	C. Athanassopoulos et al., "The liquid scintillator neutrino detector and LAMPF neutrino source," NUCLEAR INSTRUMENTS AND METHODS IN PHYSICS RESEARCH Section A, vol. 388, No. 1/2, (1997) pgs. 149-172
	C. Hargrove, "THE SPATIAL RESOLUTION OF THE TIME PROJECTION CHAMBER AT TRIUMF," Nuclear Instruments and Methods 219 (1984) 461.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**
(Use several sheets if necessary)

ATTORNEY DOCKET NO.

SERIAL NO.

98731-000125/US/COA

NEW

APPLICANT

BRYMAN, Douglas

FILING DATE

GROUP

November 14, 2003

Unassigned

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
		US 6,521,894 B1	02/18/2003	IWANCZYK et al.		
		US 6,459,085 B1	10/01/2002	CHANG et al.		
		US 6,124,595 A	09/26/2000	ENGDAHL et al.		
		US 4,880,983 A	11/14/1989	MARKEY		
		US 2002/0074505 A1	06/20/2002	FRANCKE et al.		

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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	APPLICANT	
	Douglas BRYMAN	
	FILING DATE	GROUP
	November 14, 2003	Unknown

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Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
		US 6,521,894 B1	02/2003	Iwanczyk et al.		
		US 6,486,468 B1	11/2002	Lacy, Jeffrey L.		
		US 6,459,085 B1	10/2002	Chang et al.		
		US 6,124,585 A	09/2000	Engdahl et al.		
		US 5,665,971 A	09/1997	Chen et al.		

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
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Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
		US 4,880,983 A	11/1989	Markey, John K.		
		US 4,262,202 A	04/1981	Cusano et al.		
		US 3,898,465 A	08/1975	Zaklad et al.		
		US-2002/0074505 A1	06/2002	Francke et al.		

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